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(54) WHIPPING DEVICE AND MACHINE FOR PRODUCING AND STORING ICE CREAMS AND SIMILAR PRODUCTS COMPRISING SAID WHIPPING DEVICE

(57) A whipping device (6) for the production of ice creams and similar products is described, said device comprising a container (7) cooled by outer cooling means (19), a stirrer (11) arranged inside said container (7) and provided with at least one scraping blade (18) acting on at least one cooled wall (9) of said container (7). Said device is characterized in that it further comprises an

insert (20) arranged, during use, inside said container (7) in contact with said at least cooled wall (9) so as to prevent the formation of ice due to the condensation of vapour on said at least one cooled wall (9). A machine (1) for the production of ice creams and similar products, comprising at least one whipping device (6) of the aforementioned type, is also described.



EUROPEAN SEARCH REPORT

Application Number EP 20 15 1032

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Category	Citation of document with i of relevant pass			Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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	CLAIMS INCURRING FEES
	The present European patent application comprised at the time of filing claims for which payment was due.
10	Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
15	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.
20	LACK OF UNITY OF INVENTION
	The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
25	
	see sheet B
30	
	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
35	As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
40	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
45	None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
50	1-5
55	The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION SHEET B

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requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-5

The Search Division considers that the present European patent application does not comply with the

Whipping device (6) for the production of ice creams and similar products comprising a container (7) cooled by outer cooling means (19), a stirrer (11) arranged inside said container (7) and provided with at least one scraping blade (14, 18) acting on at least one cooled wall (9) of said container (7), characterized in that it further comprises an insert (20) having an annular skirt (21) arranged, in use,

in said container (7) in contact with or close to said at

least one cooled wall (9).

2. claims: 6-9

Machine (1) for producing and maintaining ice creams and similar products comprising a frame (2) provided with a plane element (4) whereon at least one opening (5) is formed;

- at least one whipping device (6) arranged with the respective container (7) in said at least one opening (5); - a lid (15), for example dome-shaped, associated with each whipping device (6) which is movable between a position of complete opening away from said whipping device (6) and a position of complete closure on said whipping device (6).

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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